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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kalpana Kamath et al.  
Serial No. : 10/814,079  
Filed : March 30, 2004  
Title : EMBOLIZATION

Art Unit : 3731  
Examiner : Unknown

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

The following references that are listed on the attached form PTO-1449 are commonly owned co-pending U.S. patent applications:

US 2003/0032935 A1 (USSN 10/158,642), filed May 30, 2002  
US 2003/0183962 A1 (USSN 10/109,966), filed March 29, 2002  
US 2003/0185895 A1 (USSN 10/232,265), filed August 30, 2002  
US 2003/0185896 A1 (USSN 10/215,594), filed August 9, 2002  
US 2003/0203985 A1 (USSN 10/402,068), filed March 28, 2003  
US 2003/0206864 A1 (USSN 10/461,608), filed June 13, 2003  
US 2003/0233150 A1 (USSN 10/231,664), filed August 30, 2002  
US 2004/0076582 A1 (USSN 10/615,276), filed July 8, 2003  
US 2004/0091543 A1 (USSN 10/700,970), filed November 4, 2003  
US 2004/0092883 A1 (USSN 10/278,248), filed October 23, 2002  
US 2004/0096662 A1 (USSN 10/637,130), filed August 8, 2003  
US 2004/0101564 A1 (USSN 10/651,475), filed August 29, 2003  
US 2005/0095428 A1 (USSN 10/791,103), filed March 2, 2004

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 28, 2005

Date of Deposit

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Signature

Scott Barnett

Typed or Printed Name of Person Signing Certificate

US 2005/0129775 A1 (USSN 10/928,452), filed August 27, 2004  
US 2005/0196449 A1 (USSN 10/791,552), filed March 2, 2004

Applicants also hereby notify the Examiner of the following commonly owned co-pending U.S. patent applications:

U.S. Patent Application Serial No. 10/830,195, filed April 22, 2004  
U.S. Patent Application Serial No. 10/858,253, filed June 1, 2004  
U.S. Patent Application Serial No. 10/927,868, filed August 27, 2004  
U.S. Patent Application Serial No. 11/000,741, filed December 1, 2004  
U.S. Patent Application Serial No. 11/070,967, filed March 2, 2005  
U.S. Patent Application Serial No. 11/111,511, filed April 21, 2005  
U.S. Patent Application Serial No. 11/117,156, filed April 28, 2005  
U.S. Patent Application Serial No. 11/154,106, filed June 15, 2005  
U.S. Patent Application Serial No. 11/165,949, filed June 24, 2005  
U.S. Patent Application Serial No. 11/248,033, filed October 12, 2005  
U.S. Patent Application Serial No. 11/248,493, filed October 12, 2005

Applicants are uncertain of the date of publication of the following references that are listed in the attached PTO-1449 form:

- (1) "Fibroid Treatment Collective – Fibroid Embolization," 2 pages,  
<http://www.fibroids.org> (Ref. A153)
- (2) Kochan, J.P. et al., "Interventional Neuroradiology: Current Practices and Techniques at Temple University Hospital,"  
<http://www.temple.edu/radiology/stroke.html>, 5 pages (Ref. A173)
- (3) Mather, P.T., Research Group Homepage, Basic Goals and Methods,  
<http://www.ims.uconn.edu/~mather>, 4 pages (Ref. A187)
- (4) SIR-Spheres (Yttrium-90 Microspheres), pp. 1-12 (Ref. A215)

Therefore, while Applicants do not concede that these references qualify as prior art to this application, Applicants request that the Examiner treat them as prior art at this time for purposes of examination of this application.

Applicant : Kalpana Kamath et al.  
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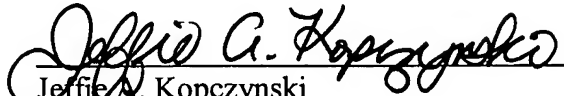
Attorney's Docket No.: 01194-447001 / 02-160

This statement is being filed before the receipt of a first Office Action on the merits.

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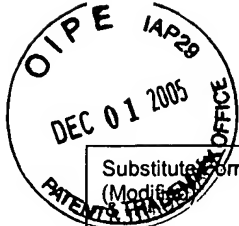
Respectfully submitted,

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 01194-447001	Application No. 10/814,079
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant <b>Kalpna Kamath et al.</b>	
		Filing Date March 30, 2004	Group Art Unit 3731

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	2,275,154	03/03/1942	Merrill et al.			
	A2	4,034,759	07/12/1977	Haerr			
	A3	4,094,848	06/13/1978	Naito			
	A4	4,096,230	06/20/1978	Haerr			
	A5	4,159,719	07/03/1979	Haerr			
	A6	4,402,319	09/06/1983	Handa et al.			
	A7	4,674,480	06/23/1987	Lemelson			
	A8	4,695,466	09/22/1987	Morishita et al.			
	A9	4,713,076	12/15/1987	Draenert			
	A10	4,793,980	12/27/1988	Torobin			
	A11	4,897,255	01/30/1990	Fritzberg et al.			
	A12	4,946,899	08/07/1990	Kennedy et al.			
	A13	5,015,423	05/14/1991	Eguchi et al.			
	A14	5,091,205	02/25/1992	Fan			
	A15	5,181,921	01/26/1993	Makita et al.			
	A16	5,190,760	03/02/1993	Baker			
	A17	5,192,301	03/09/1993	Kamiya et al.			
	A18	5,263,992	11/23/1993	Guire			
	A19	5,320,639	06/14/1994	Rudnick			
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	A21	5,328,936	07/12/1994	Leifholtz et al.			
	A22	5,336,263	08/09/1994	Ersek et al.			
	A23	5,443,495	08/22/1995	Buscemi et al.			
	A24	5,733,925	03/31/1998	Kunz et al.			
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	A26	5,756,127	05/26/1998	Grisoni et al.			
	A27	5,840,387	11/24/1998	Berlowitz-Tarrant et al.			

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A28	5,888,930	03/30/1999	Smith et al.			
	A29	5,895,398	04/20/1999	Wensel et al.			
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	A32	6,056,721	05/02/2000	Shulze			
	A33	6,056,844	05/02/2000	Guiles et al.			
	A34	6,160,084	12/12/2000	Langer et al.			
	A35	6,179,817	01/30/2001	Zhong			
	A36	6,214,384	04/10/2001	Pallado et al.			
	A37	6,245,090	06/12/2001	Gilson et al.			
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	A53	6,436,112	08/20/2002	Wensel et al.			
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(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A55	6,458,296	10/01/2002	Heinzen et al.			
	A56	2002/0160109	10/31/2002	Yeo et al.			
	A57	6,476,069	11/05/2002	Krall et al.			
	A58	2002/0182190	12/05/2002	Naimark et al.			
	A59	6,495,155	12/17/2002	Tice et al.			
	A60	2002/0197208	12/26/2002	Ruys et al.			
	A61	2003/0007928	01/09/2003	Gray			
	A62	2003/0032935	02/13/2003	Damiano et al.			
	A63	6,544,503	04/08/2003	Vanderhoff et al.			
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	A65	6,575,896	06/10/2003	Silverman et al.			
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	A68	6,605,111	08/12/2003	Bose et al.			
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	A73	6,629,947	10/07/2003	Sahatjian et al.			
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	A77	2003/0206864	11/06/2003	Mangin			
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	A80	6,699,222	03/02/2004	Jones et al.			
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A82	2004/0091543	05/13/2004	Bell et al.			
	A83	2004/0092883	05/13/2004	Casey III, et al.			
	A84	2004/0096662	05/20/2004	Lanphere et al.			
	A85	2004/0101564	05/27/2004	Rioux et al.			
	A86	2004/0186377	09/23/2004	Zhong et al.			
	A87	2005/0025800	02/03/2005	Tan			
	A88	2005/0037047	02/17/2005	Song			
	A89	2005/0095428	05/05/2005	DiCarlo et al.			
	A90	2005/0129775	06/16/2005	Lanphere et al.			
	A91	2005/0196449	09/08/2005	DiCarlo et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	A92	AU-A-76186/98	10/15/1998	Australia				
	A93	EP 0 122 624	10/24/1984	EPO				X
	A94	EP 0 122 624	10/24/1984	EPO (Abstract)			X	
	A95	EP 0 123 235	10/31/1984	EPO				X
	A96	EP 0 123 235	10/31/1984	EPO (Abstract)			X	
	A97	EP 0 458 079	11/27/1991	EPO				X
	A98	EP 0 458 079	11/27/1991	EPO (Abstract)			X	
	A99	EP 0 458 745	11/27/1991	EPO				
	A100	EP 0 067 459 B2	03/09/1998	EPO				
	A101	EP 0 764 047	08/27/2003	EPO				
	A102	EP 0 993 337	04/14/2004	EPO				
	A103	DE 3834705	04/12/1990	Germany				X
	A104	DE 3834705	04/12/1990	Germany (Abstract)			X	
	A105	DE 297 24 255 U1	10/05/2000	Germany				X

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	A106	DE 297 24 255 U1	10/05/2000	Germany (Abstract)			X	
	A107	JP 9-165328	06/24/1997	Japan				X
	A108	JP 9-165328	06/24/1997	Japan (Abstract)			X	
	A109	JP 2000189511	07/11/2000	Japan (Abstract)			X	
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	A111	NZ 255409	02/24/1997	New Zealand				
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	A113	ES 2 096 521	03/01/1997	Spain				X
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	A116	WO 91/12823	05/09/1991	WIPO				
	A117	WO 93/00063	01/07/1993	WIPO				
	A118	WO 95/33553	12/14/1995	WIPO				
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	A120	WO 99/00187	01/07/1999	WIPO				
	A121	WO 99/51278	10/14/1999	WIPO				
	A122	WO 00/032112	06/08/2000	WIPO (Corrected Version)				
	A123	WO 01/12359	02/22/2001	WIPO				
	A124	WO 01/66016	09/13/2001	WIPO				
	A125	WO 01/72281	10/04/2001	WIPO				
	A126	WO 01/93920	12/13/2001	WIPO				
	A127	WO 03/051451	06/26/2003	WIPO				
	A128	WO 2004/073688	09/02/2004	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	A129	Abbara et al., "Transcervical Expulsion of a Fibroid as a Result of Uterine Artery Embolization for Leiomyomata", <i>JVIR</i> , Vol. 10, No. 4, pp. 409-411, 1999
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	A130	Abrahams, J.M. et al., "Topic Review: Surface Modifications Enhancing Biological Activity of Guglielmi Detachable Coils in Treating Intracranial Aneurysms", <i>Surg. Neurol.</i> 54:34-41, 2000
	A131	Abrahams, J.M. et al., "Delivery of Human Vascular Endothelial Growth Factor with Platinum Coils Enhances Wall Thickening and Coil Impregnation in a Rat Aneurysm Model", <i>AJNR Am. J. Neuroradiol.</i> 22:1410-1417, August 2001
	A132	Ahuja, A.A., "Platinum Coil Coatings to Increase Thrombogenicity: A Preliminary Study in Rabbits", <i>AJNR Am. J. Neuroradiol.</i> 14:794-798; July/August 1993
	A133	Antibody Labeling, <a href="http://www.altcorp.com/AffinityLabeling/ablaeling.htm">http://www.altcorp.com/AffinityLabeling/ablaeling.htm</a> , pp. 1-6, May 20, 2003
	A134	Berkowitz, R.P. et al., "Vaginal Expulsion of Submucosal Fibroids After Uterine Artery Embolization", <i>Journal of Reproductive Medicine</i> , Vol. 44, No. 4, pp. 373-376; April 1999 <a href="http://www.reproductivemedicine.com">http://www.reproductivemedicine.com</a>
	A135	Bourke et al., "Protein Drug Release from Photocrosslinked Poly(vinyl alcohol) Hydrogels," <i>Society for Biomaterials 28<sup>th</sup> Annual Meeting Transactions</i> , p. 144 (2002)
	A136	Bradley, E.A. et al., "Transcatheter Uterine Artery Embolisation to Treat Large Uterine Fibroids", <i>British Journal of Obstetrics and Gynaecology</i> , Vol. 105, pp. 235-240; February 1998
	A137	Brockmann, J. et al., "Radiolabeling of p-Bz-DOTA-CD-11c antibody with <sup>88</sup> Y: Conjugation, Labeling, Biodistribution studies", 2 pages, 2000 <a href="http://www.kernchemie.uni-mainz.de/downloads/jb2000/b14_brockmann.pdf">http://www.kernchemie.uni-mainz.de/downloads/jb2000/b14_brockmann.pdf</a>
	A138	Capozza et al., "Endoscopic treatment of vesico-ureteric reflux and urinary incontinence: technical problems in the paediatric patient," <i>British Journal of Urology</i> , 75(4):538-542 (April 1995)
	A139	Carroll, B.A. et al., "Microbubbles as Ultrasonic Contrast Agents", <i>Investigative Radiology</i> , Vol. 14, No. 3, p. 374, Supplement to May-June 1979
	A140	Carroll, B.A. et al., "Gelatin Encapsulated Nitrogen Microbubbles as Ultrasonic Contrast Agents", <i>Journal of Clinical and Laboratory Research</i> , Vol. 15, No. 1, pp. 260-266, February 1980
	A141	Carstensen, E.L. et al., "Determination of the Acoustic Properties of Blood and its Components", <i>Journal of Acoustical Society of America</i> , Vol. 25, No. 2, pp. 286-289, March 1953
	A142	Cirkel, U. et al., "Experience with Leuporelin Acetate Depot in the Treatment of Fibroids: A German Multicentre Study", <i>Clinical Therapeutics</i> , Vol. 14, Suppl. A, 1992
	A143	Concentric Medical, Inc.- Product Information (3 pages), 2002
	A144	Cruise et al., "In Vitro and In Vivo Characterization of a Hydrogel-Based Aneurysm Embolization System," <i>Society for Biomaterials 28<sup>th</sup> Annual Meeting Transactions</i> , p. 203 (2002)
	A145	Deasy, P. B., "Microencapsulation and Related Drug Processes", New York, NY, Marcel Dekker, Inc., 345 pages, 1984 (Table of Contents only)
	A146	de Gast, A.N. et al., "Transforming Growth Factor $\beta$ -coated Platinum Coils for Endovascular Treatment of Aneurysms: An Animal Study", <i>Neurosurgery</i> , Vol. 49, No. 3, pp. 690-696, Sept. 2001
	A147	Duckwiler et al., "Catheters, embolic agents spark neurointervention," <i>Diagnostic Imaging</i> , 16(5):66-72 (May 1994)
	A148	Ersek et al., "Bioplastique: A New Textured Copolymer Microparticle Promises Permanence in Soft-Tissue Augmentation," <i>Plastic and Reconstructive Surgery</i> , 87(4):693-702 (April 1991)
	A149	Eskridge, "Interventional Neuroradiology," <i>Radiology</i> , 172:991-1006 (November 1989)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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		Filing Date March 30, 2004	Group Art Unit 3731

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	A150	Feldman, L. et al., "Transcatheter Vessel Occlusion: Angiographic Results Versus Clinical Success", <i>Radiology</i> , Vol. 147, pp. 1-5, April 1983
	A151	Ferrofluids, Physical Properties and Applications Ferrofluidics Corp., Nashua, NH, 5 pages, 1986
	A152	FeRx Incorporated, FERX Profile <a href="http://www.biotechshares.com/FERX.htm">http://www.biotechshares.com/FERX.htm</a> , 4 pages (Retrieved from the internet on June 26, 2003)
	A153	"Fibroid Treatment Collective – Fibroid Embolization," 2 pages, <a href="http://www.fibroids.org">http://www.fibroids.org</a> .
	A154	Fritzsch, T. et al., "SH U 508, A Transpulmonary Echocontrast Agent", <i>Investigative Radiology</i> , Vol. 25, Supplement 1, pp. S160-S161, September 1990
	A155	Fujimoto, S. et al., "Biodegradable Mitomycin C Microspheres Given Intra-Arterially for Inoperable Hepatic Cancer", <i>Cancer</i> , Vol. 56, pp. 2404-2410, 1985
	A156	Gilbert, W.M. et al., "Angiographic Embolization in the Management of Hemorrhagic Complications of Pregnancy", <i>American Journal of Obstetrics and Gynecology</i> , Vol. 166, No. 2, pp. 493-497, February 1992
	A157	Goldberg, B.B., "Ultrasonic Cholangiography", <i>Radiology</i> , Vol. 118, pp. 401-404, February 1976
	A158	Gramiak et al., "Echocardiography of the Aortic Root," <i>Investigative Radiology</i> , 3(5):356-366 (September-October 1968)
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	Applicant <b>Kalpna Kamath et al.</b>		
	Filing Date <b>March 30, 2004</b>	Group Art Unit <b>3731</b>	

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